FORM PTO-1520 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 10407-124US (A3057MT-US1)

		DESIGNATED/ELECTE	D OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)								
C	ON	ICERNING A SUBMISS	Not Yet Assigned / 524896									
NTE		IONAL APPLICATION NO. PCT/JP2003/012800	INTERNATIONAL FILING DATE 6 October 2003 (06.10.03)	PRIORITY DATE CLAIMED 17 October 2002 (17.10.02)								
		NVENTION isc Drive										
PPL	ICAN	T(S) FOR DO/EO/US										
Hiro	mich	i ISHIBASHI et al.										
Applic	ant he	erewith submits to the United State	s Designated/Elected Office (DO/EO/US) the	following items and other information:								
1.	×	This is a FIRST submission of ite	ms concerning a submission under 35 U.S.C.	371.								
2.		•										
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.										
4.		The US has been elected (Article	31).									
5.	\boxtimes	A copy of the International Applica	ation as filed (35 U.S.C. 371 (c)(2))									
		a. is attached hereto (required only if not communicated by the International Bureau).										
		b. 🛮 has been communicated by the International Bureau.										
		iving Office (RO/US).										
6.	\boxtimes	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).										
		a. is attached hereto.										
		b. 🛛 has been previously submitted under 35 U.S.C. 154(d)(4).										
7.	9 (35 U.S.C. 371 (c)(3))											
		a. are attached hereto (required only if not communicated by the International Bureau).										
	ı.	b. have been communicated by the International Bureau.										
~;		c. have not been made; however, the time limit for making such amendments has NOT expired.										
1	\	d. 🛛 have not been made an										
8.			of the amendments to the claims under PCT A									
9.		An oath or declaration of the inve										
10.	Ш	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).										
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).										
12.	Ø	A copy of the International Search	h Report (PCT/ISA/210).									
Ite	ems 1	3 to 23 below concern documen	t(s) or information included:									
13.	\boxtimes		ment under 37 CFR 1.97 and 1.98.									
14.	\boxtimes	An assignment document for reco	ording. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.								
15.	\boxtimes	A FIRST preliminary amendment.										
16.		•										
17.		•										
18.												
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.										
20.	×											
21.												
22.	\boxtimes											
23.		Other items or information:		,								
		Formal drawings: 5 sheets Assignee for publication: Matsush Article 34 Amendments (2)	ita Electric Industrial Co., Ltd.									

PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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24. The following fees are submitted:		N NO (if known, see	ATTORNEY'S DOCKET NUMBER									
Sample	N	At Astroned	10407-124US (A3057MT-US1)									
SD b) Examination fee \$200.00 \$ \$200.00 \$ \$200.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$500.00 \$ \$1,000.00	24. The following	fees are submitte	ed:					Applicant use	Office use			
Second S	🛛 a) Basic nat	ional fee					\$300.00	\$ \$300.00				
TOTAL OF ABOVE CALCULATIONS = \$1,000.00 \$	🖾 b) Examina	ion fee	\$200.00	\$ \$200.00								
Additional fee for specification and drawings filled in paper over 100 sheets (excluding sequence fishing of computer program listing filled in an electronic medium). The fee is sequence fishing of computer program listing filled in an electronic medium). The fee is sequence fishing of computer program listing filled in an electronic medium). The fee is sequence filled in the sequence of the seq	🖾 c) Search fe	е	\$500.00	\$ \$500.00								
Additional fee for specification and drawings filed in paper over 100 sheets (excluding seguence islaing or computer program listing filed in an electronic medium). The fee is \$255 for each additional 50 sheets of paper of fraction thereof. Total Sheets	тот	AL OF ABOVE	\$ \$1,000.00									
Total Shoets												
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority' date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 11	Total Sheets Extra Sheets Numbe			per of each additional 50 or RATE								
earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 11	- 100 =	/50 =				х	\$250.00	\$ \$0.00				
Independent claims 11			\$									
Independent claims A	CLAIMS	NUMBER F	ILED	NUMBER EXTRA F		RATE						
MULTIPLE DEPENDENT CLAIMS (if applicable)	Total claims	11	- 20 =	0	x		\$50.00	\$ \$0.00				
TOTAL OF ABOVE CALCULATIONS = \$ \$1,000.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$1,000.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$1,000.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be secondaried by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,000.00 Amount to be refunded: Amount to be charged: 3. A check in the amount of \$ \$1,000.00 to cover the above fees is enclosed. 4. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is 5. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1017 A duplicate copy of this sheet is enclosed. (210407, 0124) 4. Fees are to be charged to a credit card, WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: JOHN D. SIMMONS AKIN GUMP STRAUSS HAUER & FELD LLP One Commerce Square 2005 Market Street - Suite 2200 Philadelphia, PA 19103-7086 Total NATIONAL FEE S1,000.00 SUBTOTAL FEES ENCLOSED = \$ \$1,000.00 S1,000.00 S1,000.	Independent clair	ns 2	- 3=	0	x		\$200.00	\$ \$0.00				
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One Commerce Square 2005 Market Street - Suite 2200 Philadelphia, PA 19103-7086 Direct Dial: (215) 965-1268	JOHN D. SIMM	IONS					SIGNATURE					
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Philadelphia, PA 19103-7086 52,225 Direct Dial: (215) 965-1268		•			/							
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